

United States Environmental Protection Agency
Region V
POLLUTION REPORT

EPA Region 5 Records Ctr.



387326

Date: Friday, May 07, 2010**From:** Anita L. Boseman

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Subject: Time Critical Removal Action
 State Plating
 450 North 9th St., Elwood, IN
 Latitude: 40.2830390
 Longitude: -85.8517070

POLREP No.:	25	Site #:	B5SG
Reporting Period:	May 3-7, 2010	D.O. #:	07
Start Date:	10/12/2009	Response Authority:	CERCLA
Mob Date:	10/12/2009	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	INN000510359	Contract #	EP-S5-08-04
RCRIS ID #:			

Site Description

See POLREP #1

Current Activities

On May 3, 2010, the removal of sludge from Pit 1 continued with the use of a 3,300 gallon Vacuum Tanker. All sludge removed by the Vacuum Tanker was transferred into a 25 yd3 sludge box for later disposal. Approximately 3,000 gallons were removed. Heritage Transport delivered one 25 yd3 sludge box and picked up one yd3 sludge box for offsite disposal. PSC Environmental delivered one 25 yd3 and one 20 yd3 roll off boxes, for disposal of hazardous waste debris consisting of cut process pipe and drums. Poly drums continued to be cut and placed into the 25 yd3 roll off box. Ambient air inside the facility was monitored for the following parameters with the use of 4 AreaRaes: Lower Explosive Limit (LEL), Carbon Monoxide (CO), Hydrogen Cyanide (HCN), Hydrogen Sulfide (H2S), Volatile Organic Compounds (VOC) and Oxygen (O2). Also 2 DataRam were used via ERT's RAT to provide real time dust particulate monitoring. All indoor work was performed in Level C. Ten surface soil samples were collected from around the perimeter of the facility for pH, Total Metals and Total Cyanide and disposal parameter analyses.

On May 4, 2010, the removal of sludge from Pit 1 continued with the use of a 3,300 gallon

Vacuum Tanker. All sludge removed by the Vacuum Tanker was transferred into a 25 yd3 sludge box for later disposal. Approximately 3,000 gallons were removed. Heritage Transport delivered one 25 yd3 sludge box. Cut up drums and process piping were loaded into the 25 yd3 roll off box for later offsite disposal as hazardous waste debris. Microbac laboratory courier picked up the perimeter soil samples for laboratory analysis. Real-time monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 4 AreaRaes. All indoor work was performed in Level C.

On May 5, 2010, the removal of sludge from Pit 1 continued with the use of a 3,300 gallon Vacuum Tanker. All sludge removed by the Vacuum Tanker was transferred into a 25 yd3 sludge box for later disposal. Approximately 3,000 gallons were removed. Heritage Transport delivered one 25 yd3 sludge box and picked up one 25 yd3 sludge box of Hazardous Waste sludge. The loading of cut process pipe and drums into the 25 yd3 and 20 yd3 roll off boxes was completed. Real-time monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 2 AreaRaes. All indoor work was performed in Level C.

On May 6, 2010, the removal of sludge from Pit 1 continued with the use of a 3,300 gallon Vacuum Tanker. All sludge removed by the Vacuum Tanker was transferred into a 25 yd3 sludge box for later disposal. Approximately 3,000 gallons were removed. Heritage Transport delivered one 25 yd3 sludge box and picked up two 25 yd3 sludge boxes of Hazardous Waste sludge. Real-time monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 2 AreaRaes. All indoor work was performed in Level C.

On May 7, 2010, the removal of sludge and power washing Pit 1 was completed with the use of 3,300 gallon Vacuum Tanker. All sludge removed by the Vacuum Tanker was transferred into a 25 yd3 sludge box for later disposal. Approximately 1,500 gallons was removed. PSC Environmental picked up the 20 yd3 and 25 yd3 roll off boxes containing hazardous waste debris. Triad Transport, Inc. picked up three hazardous waste containment boxes and ten drums. Heritage Transport picked up one 25 yd3 sludge box of hazardous waste sludge. Real-time monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 2 AreaRaes. All indoor work was performed in Level C.

Planned Removal Actions

- Continue cutting up drums, containers, piping and WWTF tanks.
- Continue removal of trash and debris from facility floors.
- Initiate power washing of facility floors.
- Render plating tanks unusable.
- Coordinate transport and offsite disposal of hazardous waste material.

Next Steps

- Continue real-time air monitoring of the ambient air inside the facility with the use of DataRams/RAT and AreaRaes.
- Continue onsite security during non-working hours.

Key Issues

None.

Estimated Costs *

		Total To		
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	Budgeted	Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$1,459,536.00	\$1,331,299.34	\$128,236.66	8.79%
RST/START	\$225,000.00	\$178,304.29	\$225,000.00	20.75%
Intramural Costs				
Total Site Costs	\$1,684,536.00	\$1,509,603.00	\$174,933.00	10.38%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

TOTAL TO DATE:

Bulk Liquids (Approximate)

24,544 gallons of Hazardous Waste Liquids D008 (Lead) have been transported to Vickery, OH for disposal.

45,435 gallons of Hazardous Waste Liquids D007 (Chromium, Nickel) have been transported to Vickery, OH for disposal.

4,990 gallons of Waste Corrosive, Basic, Inorganic D002, D007 (Chromium, Nickel) have been transported to Vickery, OH for disposal.

41,463 gallons of Waste Corrosive, Acidic, Inorganic D002, D007, D008 (Sulfuric Acid, Hydrochloric Acid) have been transported to Vickery, OH for disposal.

10,163 gallons of Waste Sodium Hydroxide Solution, D002, D007 have been transported to Vickery, OH for disposal.

3,384 gallons of Waste Sodium Hydroxide Solution, D002, D007, D008, D022 have been transported to Vickery, OH for disposal.

15,231 gallons of Waste Corrosive Liquid, Acidic, Inorganic, D002, D007, D008, D010 (Chromic Acid, Hydrochloric Acid, Sulfuric Acid, Nitric Acid) have been transported to Vickery, OH for disposal.

80 cubic yards of Hazardous Waste, Liquid, Sludge, D007, D008, (Chromium, Lead) have been transported to Indianapolis, IN for disposal.

2,600 gallons of Waste Corrosive Liquid, Basic, Inorganic, D002, D007 (Sodium Hydroxide) have

been transported to Indianapolis, IN for disposal.

10,455 gallons of Hazardous Waste, Liquid, D007 (Chromium) have been transported to Indianapolis, IN for disposal.

165 cubic yards of Hazardous Waste, Liquid, D007 (Chromium) have been transported to Indianapolis, IN for disposal.

550 gallons of Hazardous Waste, Liquid, D008 (Barium, Lead) have been transported to Detroit, MI for disposal.

Bulk Solids (Approximate)

14,200 lbs of Hazardous Waste Solid, D007, D008, (Chromium, Lead) have been transported to Detroit, MI for disposal.

44,000 lbs of Hazardous Waste Solid, Debris, D007, D008, D018 (Chromium, Lead, Benzene) have been transported to Detroit, MI for disposal.

5 cubic yards of Hazardous Waste Solid, D007 (Chromium, Nickel) have been transported to Detroit, MI for disposal.

Waste Stream	Quantity	Manifest #	Disposal Facility
Hazardous Waste, Liquid, D007, (Chromium)	25 cubic yds	000325562WAS	Heritage Environmental Services, LLC, Indianapolis, IN
Hazardous Waste, Liquid, D007, (Chromium)	2,600 gal	000325519WAS	Heritage Environmental Services, LLC, Indianapolis, IN
Hazardous Waste, Liquid, D007, (Chromium)	55 gal	000325532WAS	Heritage Environmental Services, LLC, Indianapolis, IN
Hazardous Waste, Liquid, D007, (Chromium)	20 cubic yds	000325629WAS	Heritage Environmental Services, LLC, Indianapolis, IN
Hazardous Waste, Liquid, D007, (Chromium)	25 cubic yds	000325611WAS	Heritage Environmental Services, LLC, Indianapolis, IN
Hazardous Waste, Solid, D007, (Chromium, Nickel)	5 cubic yds	00540434JJK	EQ Detroit, Inc., Detroit, MI
Hazardous Waste, Liquid, D008, (Barium, Lead)	550 gal.	00540434JJK	EQ Detroit, Inc., Detroit, MI
Hazardous Waste, Liquid, D007, (Chromium)	20 cubic yds	000325640WAS	Heritage Environmental Services LLC, Indianapolis, IN
Hazardous Waste, Solid, D007 & D008, (Chromium, Lead)	2,200 pounds	006486572JJK	Petro-Chem Processing Group, Detroit, MI

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